



PTO/SB/42 (08-00)

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Sheet 1 of 1

37 CFR 1.501 INFORMATION DISCLOSURE CITATION IN A PATENT <small>(Use several sheets if necessary)</small>							Docket Number (Optional) 1011U-1	Patent Application Number 10/042,406					
							Applicant Sheehan, J., et al.						
							Issue Date				Group Art Unit 1645		
RECEIVED APR 15 2003 TECH CENTER 1600/2900													
U. S. PATENT DOCUMENTS													
EXAMINER INITIAL	DOCUMENT NUMBER				DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE				
CGM	6	3	9	1	5	5	9	5/21/2002	Brown et al. 435 6 5/2/2000				
	6	2	1	4	5	5	7	4/10/01	Barnes et al. 435 6 6/6/00				
	6	1	5	0	0	9	4	11/21/00	Maier et al. 5 5/23/97				
	6	2	3	1	8	1	2	5/15/01	Rothberg, et al. 422 68.1 5/28/99				
✓	6	0	0	7	2	3	1	12/28/99	Vijg, et al. 364 497 8/14/96				
FOREIGN PATENT DOCUMENTS													
	DOCUMENT NUMBER				DATE	COUNTRY	CLASS	SUBCLASS	Translation				
CGM	9	9	1	1	8	2	3	—	—				
✓	DE 10,062,566 A1				3/11/99	WIPO	—	—	YES				
CGM					6/20/02	Germany	—	—	NO X				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)													
CGM	/	Boehringer Mannheim, PCR Applications Manual, Boehringer Mannheim GmbH, Biochemica, Germany, pages 23, 27-53 and 109, 1995.											
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EXAMINER	C. Mu / f				DATE CONSIDERED July 21, 2003								

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231. PTO/SB/42 (10-96)

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Substitute for form 1449A/PTO				Complete if Known	
				Application Number	Not Yet Assigned
				Filing Date	
				First Named Inventor	John B. Sheehan
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	3	Attorney Docket Number	HO-P02296US1



INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
Csm	A	4,683,195	07-28-1987	Mullis et al.	
	B	4,683,202	07-28-1987	Mullis et al.	
	C	4,800,159	01-24-1989	Mullis et al.	
	D	4,965,188	10-23-1990	Mullis et al.	
V	E	5,512,462	04-30-1996	Suzanne Cheng	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)			
		NONE			T ⁶

Examiner Signature	<i>C. Mullis</i>	Date Considered	<i>July 21, 2003</i>
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

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Substitute for form 1449B/PTO				Complete if Known	
				Application Number	Not Yet Assigned
				Filing Date	
				First Named Inventor	John B. Sheehan
				Group Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	2	of	3	Attorney Docket Number	HO-P02296US1

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS					
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
<i>CSM</i>	F ✓	CORMEN, T.H. ET AL., <i>Contents - Introduction to Algorithms</i> , 1994, 10 pp., MIT			
	G ✓	SANCHEZ, G. ET AL., <i>Relative amplification efficiency of differently sized templates by long-distance PCR</i> , BioTechniques, Mar. 1998, pp. 400-402, vol. 24, no. 3.			
	H ✓	BARNES, W.M., <i>PCR amplification of up to 35-kb DNA with high fidelity and high yield from λ bacteriophage</i> , Proc. Natl. Acad. Sci. USA, Mar. 1994, pp. 2216-2220, vol. 91, Genetics			
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<i>CSM</i>	J ✓	COHEN, JON, <i>'Long PCR' leaps into larger DNA sequences</i> , SCIENCE, 03/18/94, pp. 1564-1565, vol. 263			
	K ✓	Univ. of Washington Genome Center, 8 pp. printed 11/26/01 from www.genome.washington.edu .			
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	R ✓	OHYA, Y., <i>LA-PCR-based quick method for identification of genes responsible for complementation of saccharomyces cerevisiae mutations</i> , BioTechniques, May 1996, pp. 772-778, vol. 20, no. 5.			
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	V ✓	PONCE, M.R., ET AL., <i>PCR amplification of long DNA fragments</i> , Nucleic Acid Research, 1992, pp. 623, vol. 20, no. 3, Oxford Univ. Press.			
	W ✓	LINDBERG, A.M., ET AL., <i>Amplification & closing of complete enterovirus genomes by long distance PCR</i> , Journal of Virological Methods, 1997, pp. 191-199, vol. 65, Elsevier Science BV.			
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				First Named Inventor	John B. Sheehan
				Group Art Unit	N/A
				Examiner Name	Not Yet Assigned
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<i>CJM</i>	AB,	MAGA, E.A., ET AL., <i>Amplification of a 9.0-kb fragment using PCR</i> , BioTechniques, Jul. 1991, index & pp. 185-186, vol. 11, no. 1, Eaton Publishing Co.	
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	AC /	Rebase update, Genetic Information Research Institute, 2001, 4 pp. printed 11/26/01 from www.girinst.org .	
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<i>CJM</i>	AK /	Expand long template PCR system, Specification, ROCHE, Jun. 1999, 4 pp., vers. 3.	
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<i>CJM</i>	AK /	Long-range PCR using the expand long template PCR kit, BOEHRINGER MANNHEIM, 2 pp.	
	AJ /	Tools for data mining, NCBI GenBank, 4 pp. printed 11/26/01 from www.ncbi.nlm.nih.gov .	
	AK /	Electronic PCR, NCBI GenBank, 2 pp. printed 11/26/01 from www.ncbi.nlm.nih.gov .	

Examiner Signature	<i>C. Muell</i>	Date Considered	<i>July 21, 2003</i>
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